EEEEEEEEEEEEE	RRRRRRRRRRRR	FFFFFFFFFFFFF
EEEEEEEEEEEEE	RRRRRRRRRRRR	FFFFFFFFFFFF
EEEEEEEEEEEE	RRRRRRRRRRR	FFFFFFFFFFFFF
EEE	RRR RRR	FFF
ĒĒĒ	RRR RRR	FFF
ĔĔĔ	RRR RRR	FFF
ĔĔĔ	RRR RRR	FFF
EEE	RRR RRR	FFF
EEE		
	RRR RRR	FFF
EEEEEEEEEE	RRRRRRRRRRR	FFFFFFFFFF
EEEEEEEEEE	RRRRRRRRRRR	FFFFFFFFFF
EEEEEEEEEEE	RRRRRRRRRRR	FFFFFFFFFF
EEE	RRR RRR	FFF
ĔĔĔ	RRR RRR	FFF
ĒĒĒ	RRR RRR	FFF
ĒĔĒ	RRR RRR	FFF
ĔĔĔ	RRR RRR	FFF
EEE	RRR RRR	FFF
EEEEEEEEEEEEE	RRR RRR	FFF
EEEEEEEEEEEFEEE	RRR RRR	FFF
EEEEEEEEEE	RRR RRR	FFF

99999999 99999999

999999 999999 99

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MM MM MMM MMMM MMMM MMMM MM MM MM MM MM	\$
LL LL LL LL LL LL LL LL LL LL LL LL LLLL	\$

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0154

0155 0156 0157 Subroutine MESSAGE\_HANDLING (lun)

Version: 'V04-000' Č\*:

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Modified By:

V03-001 SAR0084 Sharon A. Reynolds, 20-Jun-1983 Changed the carriage control in the 'format' statements for use with ERF.

Required files.

Include 'src\$:msghdr.for /nolist' Include 'src\$:ssmessage.for /nolist'

Byte

Lun

Call the 'header' routine to output the first two lines of the header portion of the report.

Call HEADER (lun)

Determine if this is a '\$snderr message', 'operator message', or a 'network message' entry. Call the 'logger' routine with the appropriate heading to output for the header portion of the report.

If (EMB\$W\_HD\_ENTRY .EQ. '27'X) Then

! \$Snderr message

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```
8
                                                                                        16-Sep-1984 00:08:46
5-Sep-1984 14:01:31
                                                                                                                         VAX-11 FORTRAN V3.4-56
DISK$VMSMASTER: [ERF.SRC]MESSAGE.FOR; 1
MESSAGE_HANDLING
0158
0159
                      Call LOGGER (lun, '$SNDERR MESSAGE')
                      Else if (EMB$W_HD_ENTRY .EQ. '29'X) Then Call LOGGER (lun, OPERATOR MESSAGE')
0160
                                                                                        ! Operator message
0161
0162
0163
                      Else if (EMB$W_HD_ENTRY .EQ. '2A'X) Then Call LOGGER (lūn, "NETWORK MESSAGE') Endif
                                                                                        ! Network message
0164
0165
0166
           0168
                      Call the 'linchk' routine to count the number of lines output.
0169
0170
                      Output the message text header.
0171
                      Call LINCHK (LUN.3)
0172
0173
                      Write (lun,2605)
Format(/' ','MESSAGE TEXT',/)
0174
           2605
0175
0176
           0177
                      Ensure that there really was a message included, and output
0178
                      it.
0179
0180
                      If (EMB$W_SS_MSGSZ .NE. 0) Then
Do 2615,I = 0,(EMB$W_SS_MSGSZ/56)
0181
0182
0183
                      J = 1*56
0184
0185
                      Call LINCHK (lun,1)
0186
                      Write (lun,2610) EMB$T_SS_MSGTXT(MAX(1,J):
1 (J + MIN(55,EMB$W_SS_MSGSZ - J)))
format(' ',T8,A)
0188
0189
           2610
0190
0191
           2615
                      Continue
                                            ! Do
0192
0193
                      Else
0194
           C
0195
           Č
                      Indicate that no message was actually in the entry.
0196
0197
                      Call LINCHK (lun.1)
0198
0199
                      Write (lun,2620) format(' ',T8,'[NONE]')
0200
           2620
0201
0202
0203
                      Endif
                      Return
0204
                                 ! Module
                      End
```

MFT 

```
8
                                                                                16-Sep-1984 00:08:46
5-Sep-1984 14:01:31
                                                                                                              VAX-11 FORTRAN V3.4-56 P. DISK$VMSMASTER: CERF.SRCJMESSAGE.FOR; 1
MESSAGE_HANDLING
                                                                                                                                                            Page
PROGRAM SECTIONS
                                                             Attributes
     Name
                                                   Bytes
                                                             PIC CON REL LCL SHR EXE PIC CON REL LCL SHR NOEXE PIC CON REL LCL NOSHR NOEXE
                                                                                    SHR EXE
  O SCODE
                                                      295
                                                                                                   RD NOWR! LONG
                                                      98
108
     SPDATA
                                                                                                   RD NOWRT LONG
     SLOCAL
                                                                                                         WRT LONG
                                                                                                   RD
  3 EMB
                                                             PIC OVR REL GBL
                                                                                    SHR NOEXE
                                                                                                   RD
                                                                                                         WRT LONG
                                                     1013
     Total Space Allocated
ENTRY POINTS
     Address Type
                       Name
  0-0000000
                        MESSAGE_HANDLING
VARIABLES
     Address Type
                       Name
                                                                     Address Type Name
                       EMB$L_HD_SID
EMB$W_HD_ENTRY
EMB$W_SS_MSGSZ
                                                                  3-00000012 CHAP
3-0000000E 1+2
2-00000000 1+4
  3-0000000
                                                                                  CHAR EMB$T_SS_MSGTXT
                 1•2
1•2
1•4
  3-00000004
                                                                                       EMB$W_HD_ERRSEQ
  3-00000010
  2-00000004
                                                                 AP-00000004a L+1
                                                                                       LUN
ARRAYS
     Address Type
                       Name
                                                 Bytes Dimensions
  3-00000000 L+1 EMB
3-00000006 I+4 EMB$Q_HD_TIME
                                                         (0:511)
(2)
LABELS
     Address
                                                                        Label
                 Label
                                Address
                                             Label
                                                            Address
                                                                                        Address
                                                                                                    Label
  1-00000039
                 2605'
                              1-0000004D 2610'
                                                                         2615
                                                                                     1-00000054 2620'
FUNCTIONS AND SUBROUTINES REFERENCED
```

Type Name

LOGGER

Type Name

HEADER

Type Name

LINCHK

MFT

MESSAGE\_HANDLING

COMMAND QUALIFIERS

FORTRAN /LIS=LISS:MESSAGE/OBJ=OBJS:MESSAGE MSRCS:MESSAGE

/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)
/DEBUG=(NOSYMBOLS,TRACEBACK)
/STANDARD=(NOSYNTAX,NOSOURCE\_FORM)
/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)
/F77 /NOG\_FLOATING /14 /OPTIMIZE /WARNINGS /NOD\_LINES /NOCROSS\_REFERENCE /NOMACHINE\_CODE /CONTINUATIONS=19

COMPILATION STATISTICS

Run Time: 1.81 seconds 6.43 seconds 105 Elapsed Time: Page Faults: 171 pages Dynamic Memory:

MFT

0151 AH-BT13A-SE

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